

L224V Series

Built with the most advanced technology
Built to commercial CCTV equipment standards
Built to perform beyond the most demanding specification

DVR and 4 Cameras Included

Component Surveillance System with Triplex Network Digital Video Recorder and Four Color Cameras



FEATURES:

- DVR**
 - 4 Channel Video, 1 Channel Audio
 - Up to 5 users can view via network simultaneously
 - Recording speed: 120 fps max (Real Time)
 - Intelligent motion trigger recording
 - HDD capacity up to 500GB (optional)
 - PTZ control
 - USB Port for video back up & firmware upgrade
 - Triplex Technology allows for recording, playback or viewing simultaneously
 - Remote control
 - Multi language support
 - VGA adaptor (included) allows you to connect the DVR to any computer monitor
 - Industry Standard BNC Connectors
 - 4 in 1 power adaptor powers all four cameras from one power source
 - 4 x 60ft extension cable included
- CAMERAS**
 - 1/4" CCD advanced image sensor produces video with 350 TV Lines
 - 24 IR LEDs provides effective night vision range of 40 ft(12M)
 - Advanced Day / Night mode: Picture automatically switches camera to B&W delivering better clarity in low light conditions**
 - Weatherproof camera housing ideal for outdoor or indoor applications (IP67)*
 - Ceiling or Wall Mountable: Versatile Camera Stand allows the camera to be mounted on the Wall or Ceiling

* Not for use in direct exposure to water, rain or snow.

**IR night time low light illumination range up to 40 ft. (12M) under ideal conditions. Objects at or beyond this range may be partially or completely obscured, depending on the camera application.



**CONNECT DVR TO
ANY COMPUTER
MONITOR**

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Another 1st from LOREX – the global brand that consumers trust for SECURITY

Specifications:

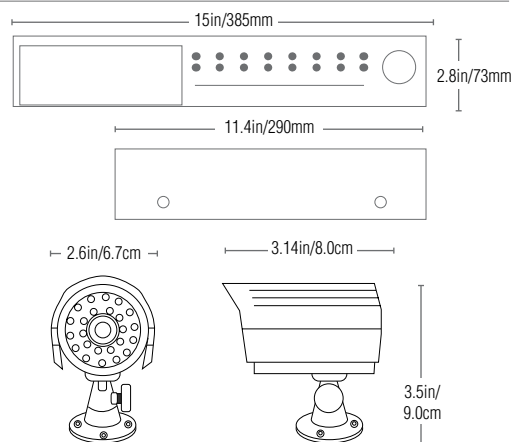
DVR:

Video System:	NTSC / PAL (switchable)
Video Compression Format:	Frame: MJPEG ; CIF: MPEG4
Video Input:	4 Channels. Composite video signal 1 Vp-p 75 Ω BNC
Video Loop Out:	4 Channels. Composite video signal 1 Vp-p 75 Ω BNC
Video Output:	Main Monitor Output: Composite video signal 1 Vp-p 75 Ω BNC Call Monitor Output: Composite video signal 1 Vp-p 75 Ω BNC
Maximum Recording Rate:	Frame: 720x480 pixels with 30 IPS NTSC / 720x576 pixels with 25 IPS PAL CIF: 352x240 pixels with 120 IPS NTSC / 352x288 pixels with 100 IPS PAL
Adjustable Recording Speed:	Frame: 30, 15, 7, 3 IPS ←NTSC→ / 25, 12, 6, 3 IPS ←PAL→ CIF: 120, 60, 30, 15 IPS ←NTSC→ / 100, 50, 25, 12 IPS ←PAL→
Image Quality Setting:	Best, High, Normal and Basic
Hard Disk Storage:	IDE type, ATA66, supported HDD * 1, support HDD capacity Max 500GB
HDD Quick Cleaning:	Quick clean up the "index system" of the recorded files. 250GB under 2 seconds
Recording Mode:	Manual / Timer / Motion / Alarm / Remote
Refresh Rate:	120 IPS for NTSC / 100 IPS for PAL
Audio I/O:	1 audio input, 1 audio output (Mono)
Motion Detection Area:	16 x 12 grids per camera for all channels Motion Detect Sensitivity: 4 adjustable variables with precise calculation for motion detection
Pre-alarm Recording :	Yes (8MB)
Backup Device:	Network remote backup / USB flash drive backup
Web Transmitting / Compression Format:	Motion JPEG
Ethernet :	10/100 Base-T. Support remote control and live view via Ethernet.
Web Interface:	Support licensed software AP and IE browser
Remote Alarm Notification:	E-mail images, and upload images to FTP site's specific account
Network Connection:	Support TCP/IP, PPPoE, DHCP and DDNS function
PTZ control:	Support PELCO-D protocol
IR Transmitter:	YES
Dwell Time (Sequential Channel Switch):	Programmable with adjustable dwell time
Alarm I/O:	4 inputs, 1 output
Digital Zoom:	2 X digital zoom (live mode)
Key Lock:	Yes
Video Loss Detection:	Yes
Camera Title:	Support up to 6 letters
Video Adjustable:	Hue / Color / Contrast / Brightness
Date Display Format:	YY/MM/DD, DD/MM/YY, MM/DD/YY, and Off
Power Source:	DC 19V
Power Consumption:	← 42 W
Operating Temperature:	10° C ~ 40° C (50° F~104° F)
System Recovery:	System auto recovery after power reconnected

CAMERA:

Image Sensor:	1/4" Color CCD
Effective Pixels:	H: 512, V: 492
Scan System:	2:1 Interlace NTSC
Scan Frequency:	H: 15.734KHz, V: 59.94Hz
Synchronization:	Internal
Minimum Illumination:	0.6 Lux F 2.0
S/N Ratio:	More than 48dB @ AGC Off
Resolution:	350 TV Lines
White Balance:	ATW
AES:	On 1/60~1/100000 Sec
Gain Control:	Auto
BLC:	On
Video Output Termination:	1.0Vpp @ 75ohm Termination BNC Female Black Jacket
Lens/ Lens Mount:	3.6mm F 2.0
4 in 1 Power Source:	12Vdc 2A AC Adaptor
Current Consumption:	100mA without IR LED, 350mA with IR LED On
IP Rating:	IP 67

Dimensions:



Product Information:

Model # & Description:	L224V Series: Triplex Network Digital Video Recorder with 160GB or 250GB HDD & 4 Color Cameras
Package Weight:	18.7 lbs / 8.5 kgs
Package Dimensions:	(L x D x H) 16.5 in x 13.3 in x 10.2 in / 420mm x 340mm x 260mm
Package Cube:	1.31ft ³ / 0.03m ³
Package Includes:	1 x DVR with 160GB or 250 HDD, 4 x Cameras, 4 x Stands, 4 x 60ft Extension Cables, 1 x VGA Adaptor, 1 x 4 in 1 Power Adaptor

Models & UPC:

L224V161C4	Triplex Network DVR with 160GB HDD	7 78597 224047
L224V251C4	Triplex Network DVR with 250GB HDD	7 78597 224061

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